

Amendments to the Specification

Insert the following paragraph at page 1, line 2.

Related Applications

This application is a National Stage of International Application No. PCT/US2004/025124, filed August 2, 2004, which claims the benefit of and priority to USSN 60/491,956, filed August 1, 2003. The contents of all of these applications are incorporated by reference in their entireties.

Insert the following paragraph on a new page following page 52.

Abstract

The invention provides arrays, array-based methods, apparatuses and kits for detecting genetic abnormalities in cell populations, such as biopsy or body fluid samples or cultures of cancer cells, for comparing syntenic chromosome strans of different species, thereby optimizing performance of an array-based genomic hybridization.